

What is claimed is;

1. A guide plate comprising:

an incidence end face to introduce illumination light; and
an emission function face provided with function to emit illumination light, wherein
said emission function face is provided with a great number of ridges each of which
has a first flank face directed to the incidence end face and a second flank face opposite
with the first flank face; and

each of said ridges extends in a direction which is inclined at an angle falling within
a predetermined angle range with respect to the incidence end face.

2. A guide plate as defined in claim 1, wherein said angle range is from 5
degrees to 45 degrees.

3. A guide plate as defined in claim 1 or 2, wherein at least said second flank
face is inclined so that distance from the incidence end face increases according to
getting closer to a ridge top portion.

4. A guide plate as defined in claim 3, wherein both of said first and second
flank faces are inclined so that distance from the incidence end face increases according
to getting closer to a ridge top portion.

5. A guide plate as defined in claim 1 or 2, wherein each of said ridges has
cross section which becomes smaller according to getting closer to a ridge top portion.

6. A guide plate as defined in claim 3, wherein each of said ridges has cross
section which becomes smaller according to getting closer to a ridge top portion.

7. A guide plate as defined in claim 4, wherein each of said ridges has cross

section which becomes smaller according to getting closer to a ridge top portion.

8. A guide plate as defined in claim 1 or 2, wherein said emission function face includes a first foot portion connecting with the first flank face and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the second foot portion as compared with at the first foot portion.

9. A guide plate as defined in claim 3, wherein said emission function face includes a first foot portion connecting with the first flank face and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the second foot portion as compared with at the first foot portion.

10. A guide plate as defined in claim 5, wherein said emission function face includes a first foot portion connecting with the first flank face and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the second foot portion as compared with at the first foot portion.

11. A surface light source device of side light type comprising:
a guide plate which has an incidence end face to introduce illumination light and an emission function face provided with function to emit illumination light; and

a primary light source disposed beside the guide plate to supply illumination light, wherein

said emission function face is provided with a great number of ridges each of which has a first flank face directed to the incidence end face and a second flank face opposite with the first flank face; and

each of said ridges extends in a direction which is inclined at an angle falling within a predetermined angle range with respect to the incidence end face.

12. A surface light source device as defined in claim 11, wherein said angle range is from 5 degrees to 45 degrees.

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13. A surface light source device as defined in claim 11 or 12, wherein at least said second flank face is inclined so that distance from the incidence end face increases according to getting closer to a ridge top portion.

14. A surface light source device as defined in claim 13, wherein both of said first and second flank faces are inclined so that distance from the incidence end face increases according to getting closer to a ridge top portion.

15. A surface light source device as defined in claim 11 or 12, wherein each of said ridges has cross section which becomes smaller according to getting closer to a ridge top portion.

16. A surface light source device as defined in claim 13, wherein each of said ridges has cross section which becomes smaller according to getting closer to a ridge top portion.

17. A surface light source device as defined in claim 14, wherein each of said ridges has cross section which becomes smaller according to getting closer to a ridge top portion.

18. A surface light source device as defined in claim 11 or 12, wherein said ~~emission function face includes a first foot portion connecting with the first flank face~~ and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the

second foot portion as compared with at the first foot portion.

19. A surface light source device as defined in claim 13, wherein said emission function face includes a first foot portion connecting with the first flank face and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the second foot portion as compared with at the first foot portion.

20. A surface light source device as defined in claim 15, wherein said emission function face includes a first foot portion connecting with the first flank face and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the second foot portion as compared with at the first foot portion.

21. A liquid crystal display comprising:

a surface light source device of side light type which has a guide plate having an incidence end face to introduce illumination light and an emission function face provided with function to emit illumination light and which has a primary light source disposed beside the guide plate to supply illumination light;and

a liquid crystal display panel to be illuminated by the surface light source device, wherein

said emission function face is provided with a great number of ridges each of which has a first flank face directed to the incidence end face and a second flank face opposite with the first flank face;and

each of said ridges extends in a direction which is inclined at an angle falling within a predetermined angle range with respect to the incidence end face.

22. A liquid crystal display as defined in claim 21, wherein said angle range is from 5 degrees to 45 degrees.

23. A liquid crystal display as defined in claim 21 or 22, wherein at least said second flank face is inclined so that distance from the incidence end face increases according to getting closer to a ridge top portion.

24. A liquid crystal display as defined in claim 23, wherein both of said first and second flank faces are inclined so that distance from the incidence end face increases according to getting closer to a ridge top portion.

25. A liquid crystal display as defined in claim 21 or 22, wherein each of said ridges has cross section which becomes smaller according to getting closer to a ridge top portion.

26. A liquid crystal display as defined in claim 23, wherein each of said ridges has cross section which becomes smaller according to getting closer to a ridge top portion.

27. A liquid crystal display as defined in claim 24, wherein each of said ridges has cross section which becomes smaller according to getting closer to a ridge top portion.

28. A liquid crystal display as defined in claim 21 or 22, wherein said emission function face includes a first foot portion connecting with the first flank face and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the second foot portion as compared with at the first foot portion.

29. A liquid crystal display as defined in claim 23, wherein said emission function face includes a first foot portion connecting with the first flank face and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the second foot

portion as compared with at the first foot portion.

30. A liquid crystal display as defined in claim 25, wherein said emission function face includes a first foot portion connecting with the first flank face and a second foot portion connecting with the second flank face, said second foot portion provides a stepwise difference such that thickness of the guide plate is greater at the second foot portion as compared with at the first foot portion.

31. A liquid crystal display as defined in claim 21 or 22, wherein said surface light source device of side light type is arranged for front-lighting of said liquid crystal display panel.

32. A liquid crystal display as defined in claim 23, wherein said surface light source device of side light type is arranged for front-lighting of said liquid crystal display panel.

33. A liquid crystal display as defined in claim 25, wherein said surface light source device of side light type is arranged for front-lighting of said liquid crystal display panel.

34. A liquid crystal display as defined in claim 28, wherein said surface light source device of side light type is arranged for front-lighting of said liquid crystal display panel.
